

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Name of Applicant and Assignee:  
Address of Applicant and Assignee:

SUN MICROSYSTEMS, INC.  
4150 Network Circle  
Santa Clara, CA 95054

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION AND SUBSTITUTION  
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the applicant and assignee of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

**Customer Number 32615**

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

Robert P. Lord  
**OSHA • LIANG LLP**  
1221 McKinney Street, Suite 2800  
Houston, Texas 77010  
Telephone No.: (713) 228-8600  
Facsimile No.: (713) 228-8778

Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the sixteen patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature:

Melissa Haapala

Dated:

7/2/2008

Name:

Melissa Haapala

Title:

Senior Counsel

Sun Microsystems, Inc.

## APPENDIX A

1. Patent Application/Serial No.: 10/767,507

**Title:** MULTI-SERVER TIMER SYSTEM FOR  
COMPUTING ENVIRONMENTS  
REQUIRING MULTIPLE TIME-OUTS

**Filed:** 1/28/2005

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014946/0559

**Reference No:** SUN030161-US-NP

2. Patent Application/Serial No.: 10/698,212

**Title:** METHODS AND APPARATUS FOR  
COORDINATING PROCESSING OF  
NETWORKS CONNECTIONS  
BETWEEN TWO NETWORK  
PROTOCOL STACKS

**Filed:** 10/31/2003

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014659/0265

**Reference No:** SUN040284-US-NP

3. Patent Application/Serial No.: 09/205,326

**Title:** A METHOD, APPARATUS, SYSTEM &  
PROGRAM PRODUCT FOR THIN-  
CLASSES IN A CLIENT-SERVER  
ENVIRONMENT

**Filed:** 12/04/1998

**Applicant:** Sun Microsystems, Inc.

**Reference No:** SUN1P352X1/P2761CIP

4. Patent Application/Serial No.: 10/888,521

**Title:** METHODS AND APPARATUS FOR  
DYNAMICALLY SWITCHING  
BETWEEN POLLING AND  
INTERRUPT MODE FOR A RING  
BUFFER OF A NETWORK  
INTERFACE CARD

**Filed:** 7/9/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015899/0633

**Reference No:** SUN041057-US-NP

5. Patent Application/Serial No.: 10/888,972

**Title:** METHODS AND APPARATUS FOR  
DRIVING A HIGH BANDWIDTH  
NETWORK INTERFACE CADE WITH  
A SINGLE INTERRUPT SOURCE

**Filed:** 7/9/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 15900/0149

**Reference No:** SUN041394-US-NP

6. Patent Application/Serial No.: 10/885,999

**Title:** COMPUTER ARCHITECTURE AND  
PROCESS FOR IMPLEMENTING A  
VIRTUAL VERTICAL PERIMETER  
FRAMEWORK FOR AN  
OVERLOADED CPU HAVING  
MULTIPLE NETWORK INTERFACES

**Filed:** 7/6/2004

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 015846/0036

**Reference No:** SUN041059-US-NP

7. **Patent Application/Serial No.:** 11/011,076  
**Title:** SYSTEM AND METHOD FOR  
CONDUCTING DIRECT DATA  
PLACEMENT (DDP) USING A TOE  
(TCP OFFLOAD ENGINE) CAPABLE  
NETWORK INTERFACE CARD  
**Filed:** 12/14/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016081/0370  
**Reference No:** SUN040656-US-NP
8. **Patent Application/Serial No.:** 10/767,506  
**Title:** ESTABLISHING CONNECTIONS IN  
COMPUTER NETWORK  
**Filed:** 1/28/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 014946/0548  
**Reference No:** SUN030153-US-NP
9. **Patent Application/Serial No.:** 12/016,132  
**Title:** SCHEDULING THREADS ON  
PROCESSORS  
**Filed:** 1/17/2008  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 020379/0842  
**Reference No:** SUN070466-US-NP

10. **Patent Application/Serial No.:** 11/833,907  
**Title:** SCALABLE RESOURCE ALLOCATION  
**Filed:** 8/3/2007  
**Applicant:** Sun Microsystems, Inc.  
**Reference No:** SUN070342
11. **Patent Application/Serial No.:** 11/670,412  
**Title:** PARTITIONABLE ACCOUNTING OF MEMORY UTILIZATION  
**Filed:** 2/1/2007  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 018874/0470  
**Reference No:** SUN070037
12. **Patent Application/Serial No.:** 10/698,211  
**Title:** METHODS AND APPARATUS FOR DYNAMICALLY SWITCHING BETWEEN POLLING AND INTERRUPT TO HANDLE NETWORK TRAFFIC  
**Filed:** 10/31/2003  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016055/0305  
**Reference No:** SUN040338-US-NP

13. **Patent Application/Serial No.:** 11/952,037  
**Title:** HARDWARE UTILIZATION-AWARE  
THREAD MANAGEMENT IN  
MULTITHREADED COMPUTER  
SYSTEMS  
**Filed:** 12/6/2007  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 020591/8720  
**Reference No:** SUN070402
14. **Patent Application/Serial No.:** 11/777,184  
**Title:** LOCALITY AND TIME BASED  
DEPENDENCY RELATIONSHIPS IN  
CLUSTERS  
**Filed:** 7/12/2007  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 019692/0446  
**Reference No:** SUN061207
15. **Patent Application/Serial No.:** 11/286,085  
**Title:** DYNAMIC POWER MANAGEMENT  
FOR I/O RESOURCE POOLS  
**Filed:** 11/22/2005  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 017265/0249  
**Reference No:** SUN051056-US-NP

16. **Patent Application/Serial No.:** 10/698,688  
**Title:** METHODS AND APPARATUS FOR  
RECOVERING FROM A FAILED  
NETWORK INTERFACE CARD  
**Filed:** 10/31/2003  
**Applicant:** Sun Microsystems, Inc.  
**Reference No:** SUN040319
17. **Patent Application/Serial No.:** 9/981,612  
**Title:** CIM TO SNMP DATA MAPPER  
**Filed:** 10/16/2001  
**Applicant:** Sun Microsystems, Inc.  
**Reference No:** SUN1P437/P6596NP
18. **Patent Application/Serial No.:** 10/886,004  
**Title:** SYSTEM AND METHOD FOR  
CONDUCTING FAST CONNECTION  
ACCEPTANCE USING TNIC  
GENERATED SOCKET LAYER  
INTERCONNECTION DATA  
STRUCTURES  
**Filed:** 7/6/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015958/0388  
**Reference No:** SUN041400-US-NP



**19. Patent Application/Serial No.:** 11/388,445

**Title:** PROBABILISTIC SYSTEM FOR  
IDENTIFYING SOFTWARE  
DEVELOPMENT REGRESSIONS

**Filed:** 3/24/2006

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 017721/0796

**Reference No:** SUN060492-US-NP

**20. Patent Application/Serial No.:** 10/184,333

**Title:** VIRTUAL REGISTER SET EXPANING  
PROCESSOR INTERNAL STORAGE

**Filed:** 6/28/2002

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 013063/0547

**Reference No:** P7544-US-NP-0

**21. Patent Application/Serial No.:** 11/461,361

**Title:** VIRTUAL REGISTER SET  
EXPANDING PROCESSOR INTERNAL  
STORAGE

**Filed:** 7/31/2006

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 013063/0547

**Reference No:** P7544-US-CNT-1

22. **Patent Application/Serial No.:** 10/014,640  
**Title:** MANDATORY LOCKING  
MECHANISMS FOR UNIX FILE  
SYSTEM  
**Filed:** 10/25/2001  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 012383/0338  
**Reference No:** SUN1P722
23. **Patent Application/Serial No.:** 60/285,482  
**Title:** GRAPHICAL LIST GROUPING  
WIDGET  
**Filed:** 4/20/2001  
**Applicant:** Sun Microsystems, Inc.  
**Reference No:** P5885-US-PSP-0
24. **Patent Application/Serial No.:** 8/958,377  
**Title:** METHOD, APPARATUS, SYSTEM  
AND PROGRAM PRODUCT FOR  
THIN-CLASSES IN A CLIENT-  
SERVER ENVIRONMENT  
**Filed:** 10/24/1997  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 9163/0921  
**Reference No:** SUN1P352

25. **Patent Application/Serial No.:** 11/959,022  
**Title:** CLUSTER SOFTWARE UPGRADES  
**Filed:** 12/18/2007  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 020556/0051  
**Reference No:** SUN070152
26. **Patent Application/Serial No.:** 12/038,705  
**Title:** USE OF CPI POWER MANAGEMENT  
IN COMPUTER SYSTEMS  
**Filed:** 2/27/2008  
**Applicant:** Sun Microsystems, Inc.  
**Reference No:** SUN070024
27. **Patent Application/Serial No.:** 10/789,523  
**Title:** RETRIEVING EVENTS FROM A  
QUEUE  
**Filed:** 2/26/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015039/0034  
**Reference No:** SUN040374

28. **Patent Application/Serial No.:** 10/052,784  
**Title:** METHODS AND APPARATUS FOR  
DETERMINING SOFTWARE  
COMPONENT SIZES ASSOCIATED  
WITH ERRORS  
**Filed:** 11/2/2001  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 012521/0248  
**Reference No:** P5575-US-NP-0
29. **Patent Application/Serial No.:** 10/850,676  
**Title:** METHOD AND APPARATUS FOR  
PERFORMING ADDRESS  
TRANSLATION IN A COMPUTER  
SYSTEM  
**Filed:** 5/20/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015382/0204  
**Reference No:** P8354-US-NP
30. **Patent Application/Serial No.:** 60/245,406  
**Title:** SMB MANDATORY LOCKING  
SUPPORT UNDER UNIX  
**Filed:** 11/1/2000  
**Applicant:** Sun Microsystems, Inc.  
**Reference No:** SUN1P722P/P5658PSP

31. **Patent Application/Serial No.:** 10/788,790  
**Title:** QUEUE ALERTS  
**Filed:** 2/26/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015031/0011  
**Reference No:** SUN040373-US-NP
32. **Patent Application/Serial No.:** 10/938,856  
**Title:** METHOD AND APPARATUS FOR REPRESENTING APPLICATION DEPENDENCIES  
**Filed:** 9/9/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 016111/0904  
**Reference No:** SUN040675-US-NP
33. **Patent Application/Serial No.:** 10/741,101  
**Title:** AUTOMATED TESTING OF CLUSTER DATA SERVICES  
**Filed:** 12/19/2003  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 014826/0146  
**Reference No:** P8660-US-NP
34. **Patent Application/Serial No.:** 10/826,243  
**Title:** ERROR ANALYSIS AND DIAGNOSIS FOR GENERIC FUNCTION CALLS  
**Filed:** 4/15/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015230/0140  
**Reference No:** P9428-US-NP

35. **Patent Application/Serial No.:** 08/863,035  
**Title:** METHOD AND APPARATUS FOR  
SENDING SECURE  
DATACRAMULTICASTS  
**Filed:** 5/23/1997  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 009310/0901  
**Reference No:** P0699-US-CIP-2
36. **Patent Application/Serial No.:** 08/846,973  
**Title:** METHOD AND APPARATUS FOR  
ACHIEVING PERFECT FORWARD  
SECURITY IN CLOSED USER GROUP  
**Filed:** 4/30/1997  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 007393/0323  
**Reference No:** P0699-US-CIP-1
37. **Patent Application/Serial No.:** 10/789,523  
**Title:** RETRIEVING EVENTS FROM A  
QUEUE  
**Filed:** 2/26/2004  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 015039/0034  
**Reference No:** SUN040374
38. **Patent Application/Serial No.:** 10/742,418  
**Title:** FRAMEWORK FOR HIGH  
AVAILABILITY CLUSTERED  
SYSTEM AUTOMATED TESTS  
**Filed:** 12/19/2003  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 014862/0202  
**Reference No:** P8663

39. **Patent Application/Serial No.:** 09/921,544  
**Title:** GRAPHICAL LIST GROUPING  
WIDGET AND METHODS OF USE  
THEREOF  
**Filed:** 8/2/2001  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 012061/0147  
**Reference No:** P5885-US-NP-0
40. **Patent Application/Serial No.:** 11/080,953  
**Title:** GRAPHICAL LIST GROUPING  
WIDGET AND METHODS OF USE  
THEREOF  
**Filed:** 3/14/2005  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 019830/0105  
**Reference No:** P5885-US-CNT-1
41. **Patent Application/Serial No.:** 10/352,495  
**Title:** SIDEBAND SCOUT THREAD  
PROCESSOR  
**Filed:** 1/28/2003  
**Applicant:** Sun Microsystems, Inc.  
**Reel/Frame No.:** 014244/0547  
**Reference No:** P7522

**42. Patent Application/Serial No.:** 10/698,168

**Title:** METHODS AND APPARATUS FOR  
COORDINATING PROCESSING OF  
NETWORK CONNECTIONS  
BETWEEN A SOFTWARE NETWORK  
PROTOCOL STACK AND A  
NETWORK INTERFACE CARD

**Filed:** 10/31/2003

**Applicant:** Sun Microsystems, Inc.

**Reel/Frame No.:** 014659/0233

**Reference No:** SUN040313